

THE SYMBOL OF VOLTAGE CHART

BAND

A: VLO (66-88 MHz)

B: AIR (108-136.995MHz)

C: VHI (137-174. MHz)

D: NEW FM (216-224.9875MHz)

E: NEW AM (225-329.9875MHz)

F: UHF AM (330-399.9875MHz)

G: UHF FM (400-512MHz)

H: 800MHz (806-956MHz)

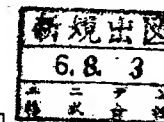
O: OTHERS

NO MARKING: ALL BANDS

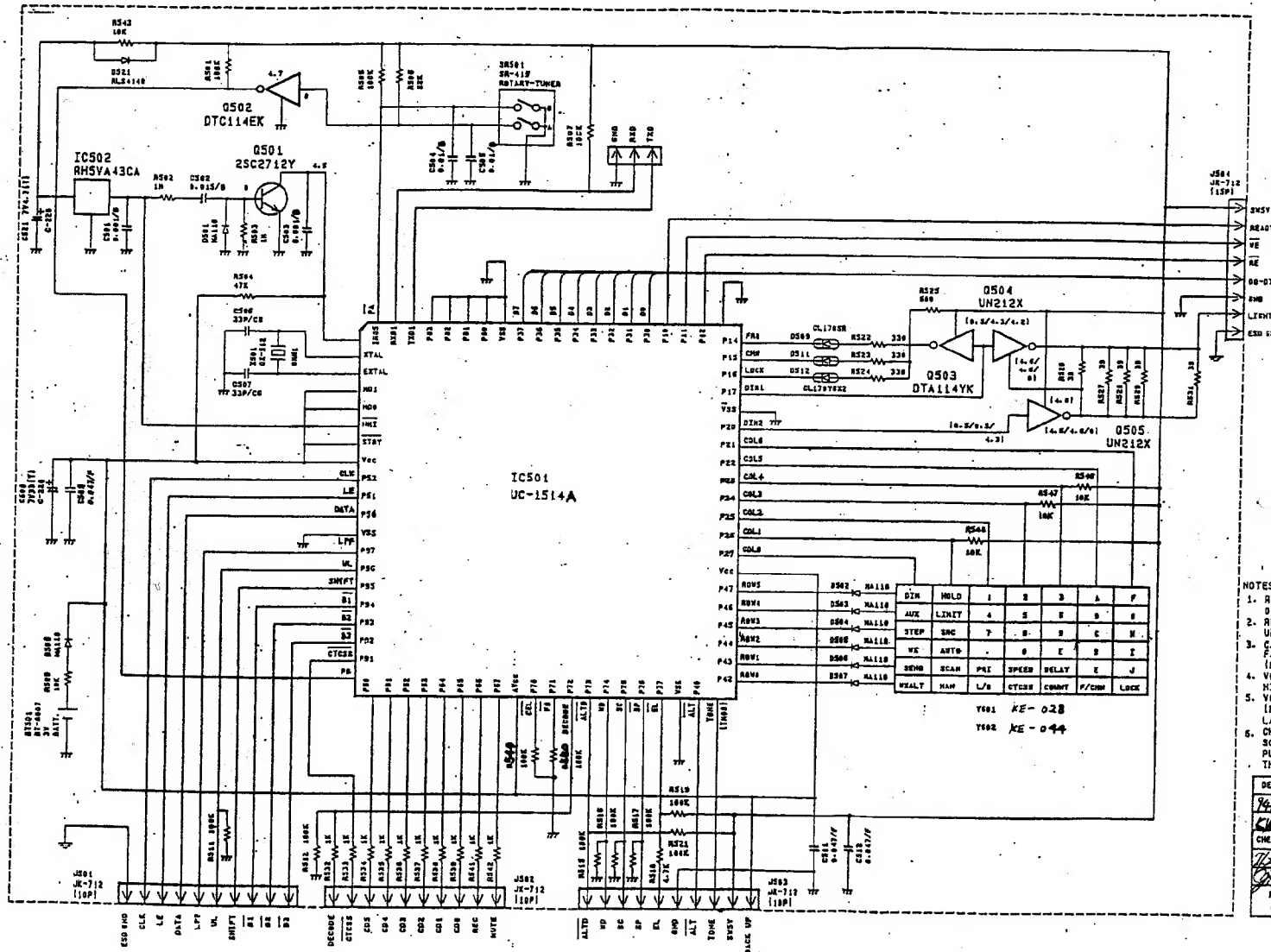
NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. [P=MICRO-MICRO FARAD]
4. ALL ELECTROLYTIC CAPACITOR'S APPROVAL NO. IS C-130, UNLESS OTHERWISE NOTED.
5. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE SL (LESS THAN 1000PF) OR ZF (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.
6. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
PA7-29	93.03.10	UB-228B	COM215
KUROKI	LORNA	TITLE	SCHEMATIC DIAGRAM



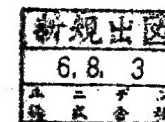
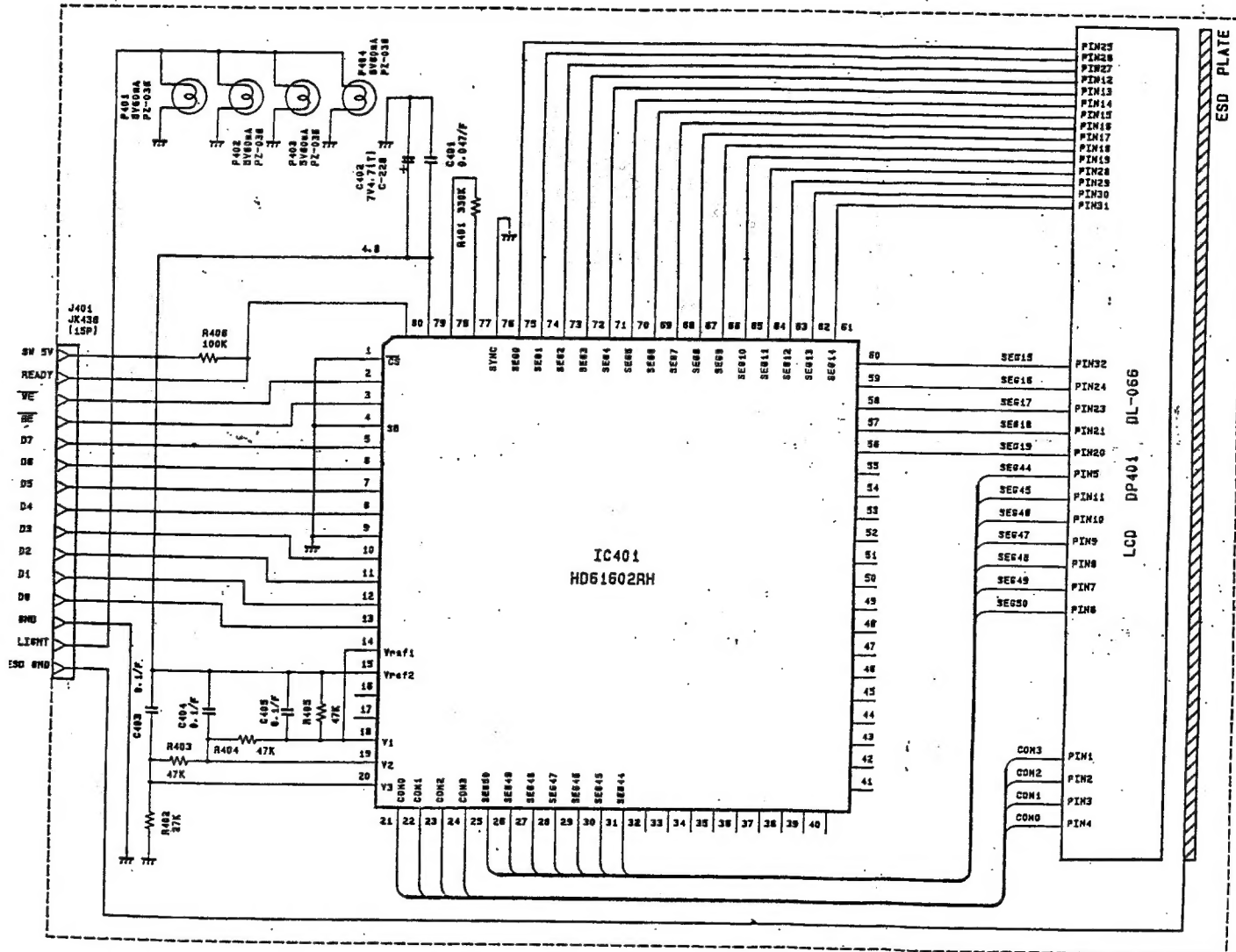
B501 PH-146 1/2



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- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
 2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
 4. VOLTAGE IN NO MARK SHOWS VHF HI COMITTON.
 5. VOLTAGE IN 1/1/1 SHOWS (FULL BRIGHTNESS/DIN/OFF) LAMP COMITTON.
 6. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
14727	92.03.05	UB-228B	COM215
CURRY	LORNA	TITLE CONTROL PCB	
CHECK BY	APPROV BY	SCHEMATIC DIAGRAM	
7/2/94	7/2/94	DRAWING NO. E13-4075	
REV. NO.		UNIDEN PHILS. INC.	



NOTES:

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3. CAPACITANCE VALUES ARE INDICATED IN MICROFARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

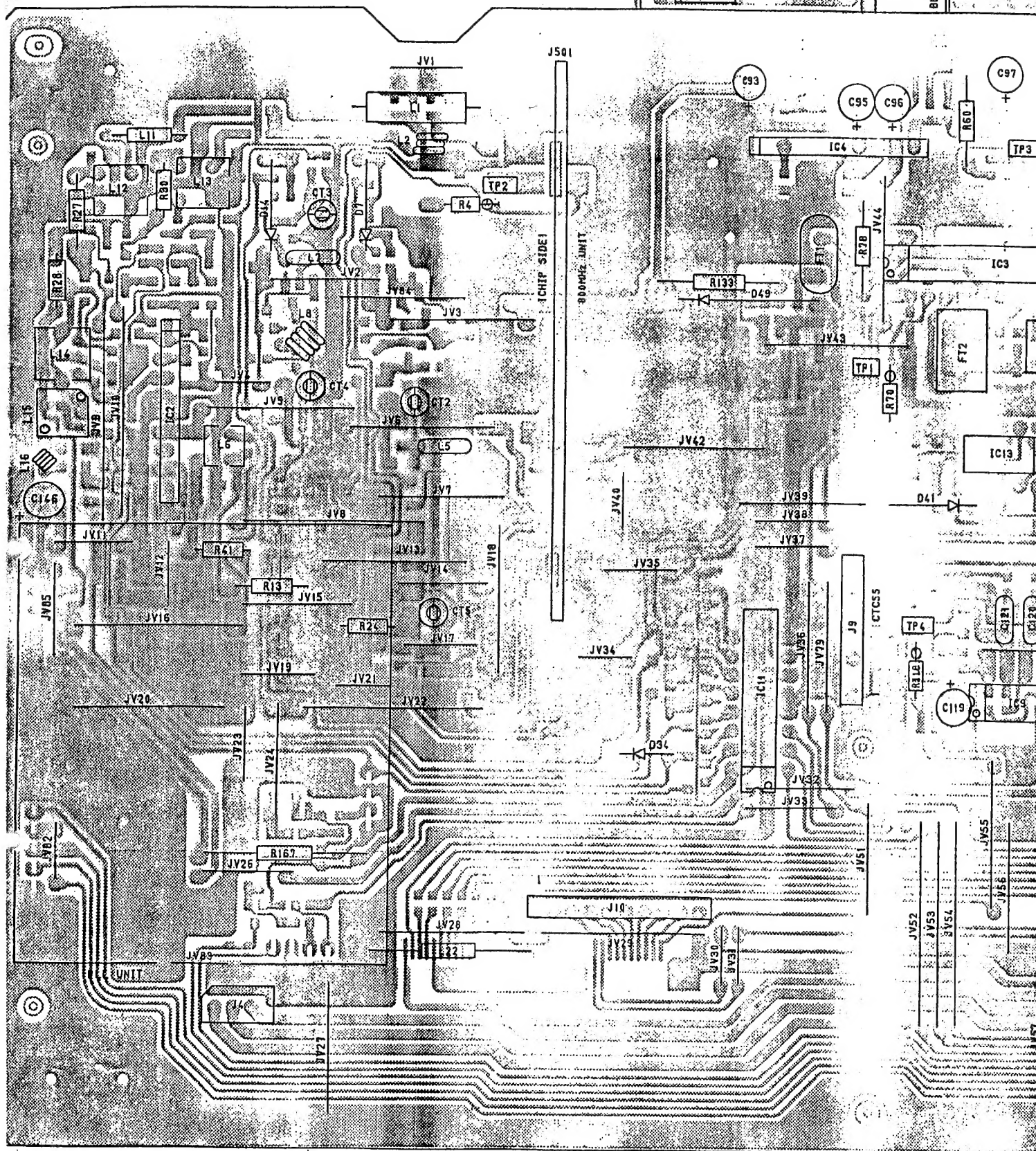
4. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
96.7.29	93.03.04	UB-228B	COM215
KUROKI	NORIE R.	TITLE LCD PCB	
CHECK BY	APPRO. BY	SCHEMATIC DIAGRAM	
2.29.94	2.29.94	DRAWING NO.	
2.29.94		E13-4074	
REV. NO.	UNIDEN PHIL. INC.		

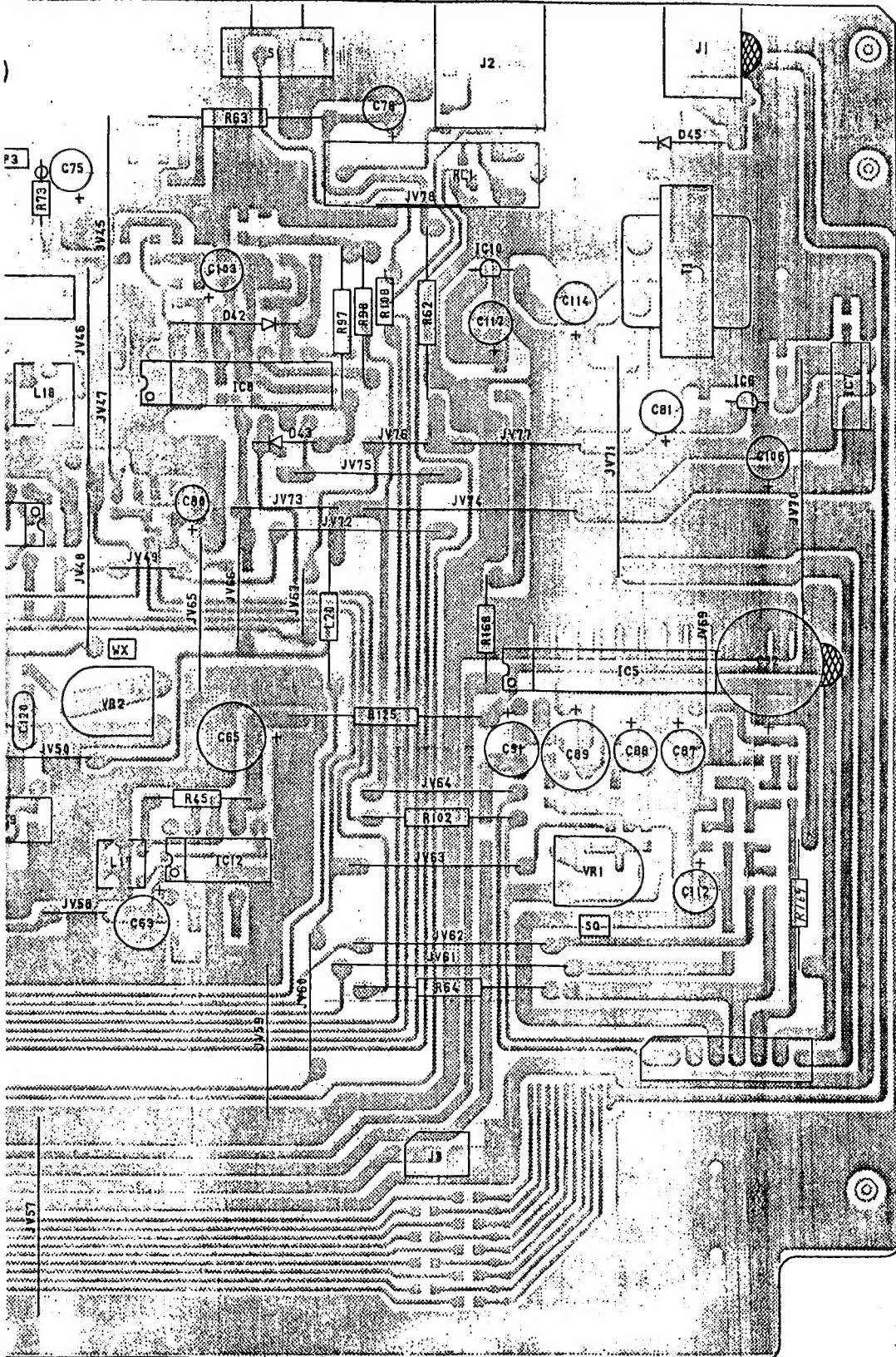
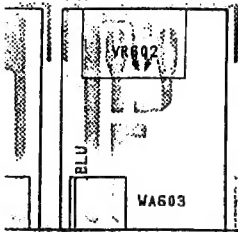
B001 PH-145AP (TOP VIEW)

PH-145AD 2/4

PH-145AD 3/4

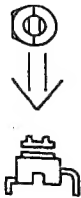


PH-145A 4/4



X WA603

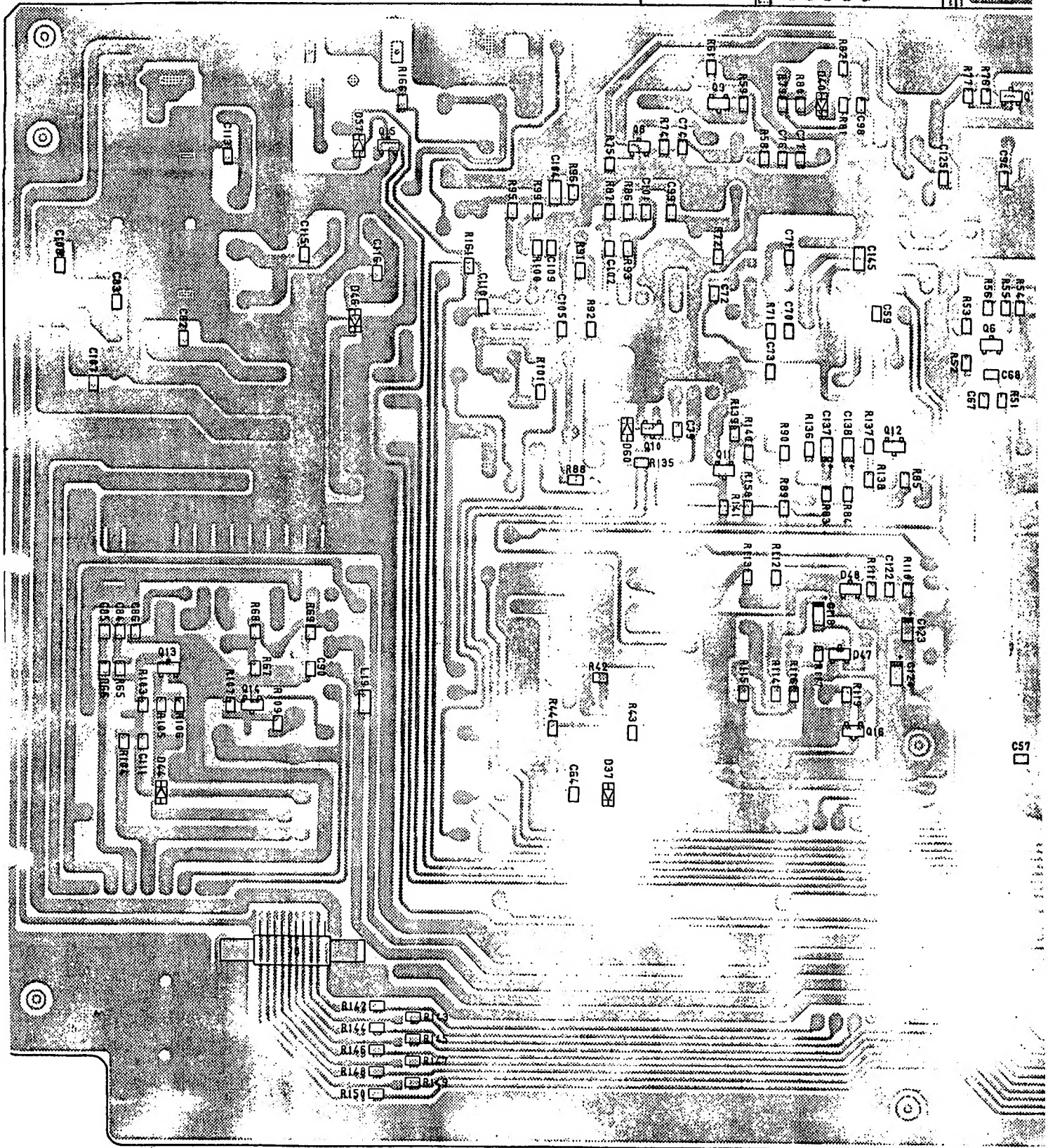
X CT2, CT3, CT4, CT5



BONDLOCK

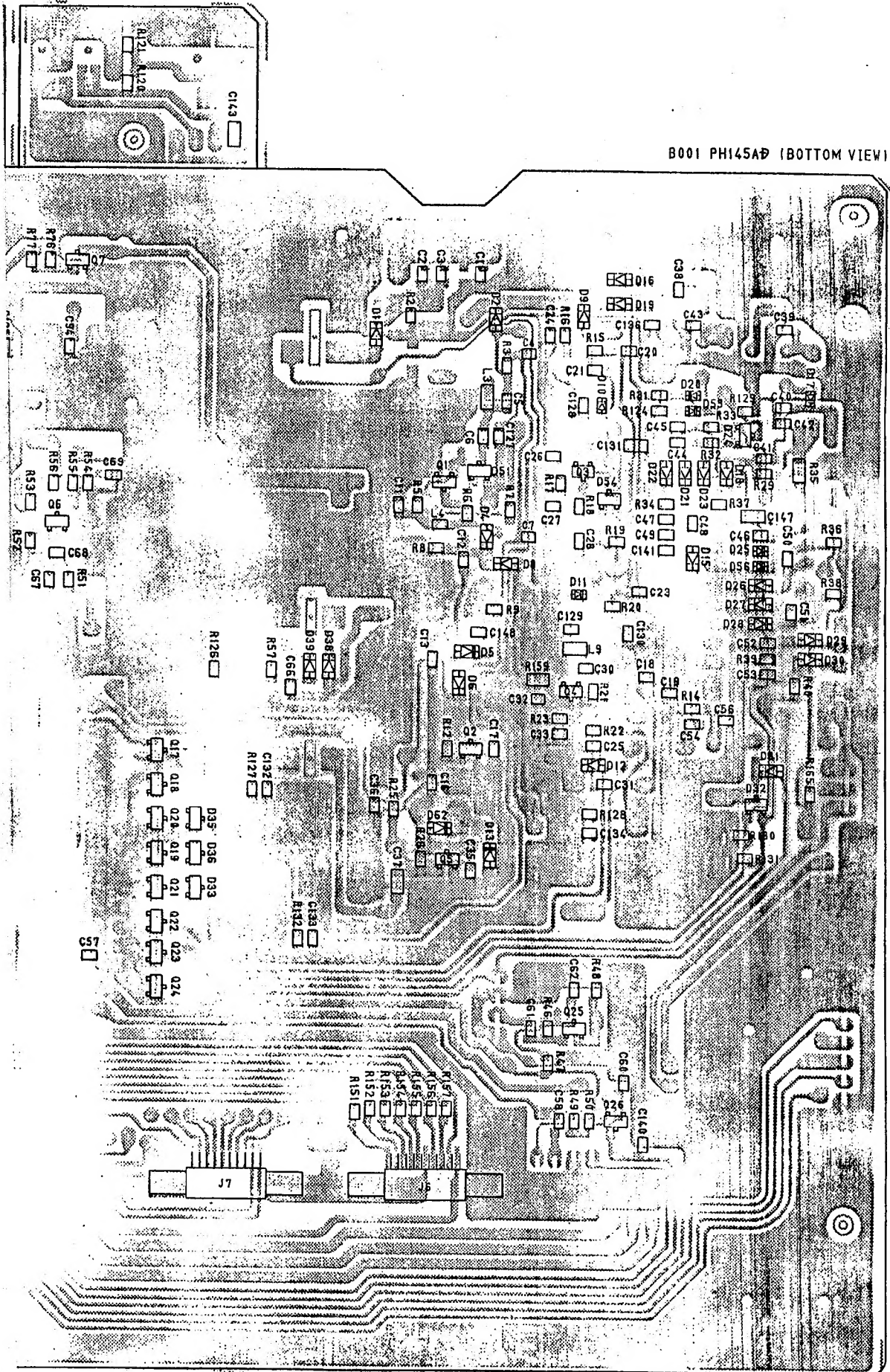
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DESIGN	DRAWN BY	UNIDEN NO.	MODEL
74.7.27	93.09.10	UB-228B	COM
CHECK BY	APPRO. BY	TITLE	DRAWING NO.
K.ROSE	EVELYN	PARTS ASS'Y TOP	E22-1104
REV. NO.	UNIDEN PHI		
1			



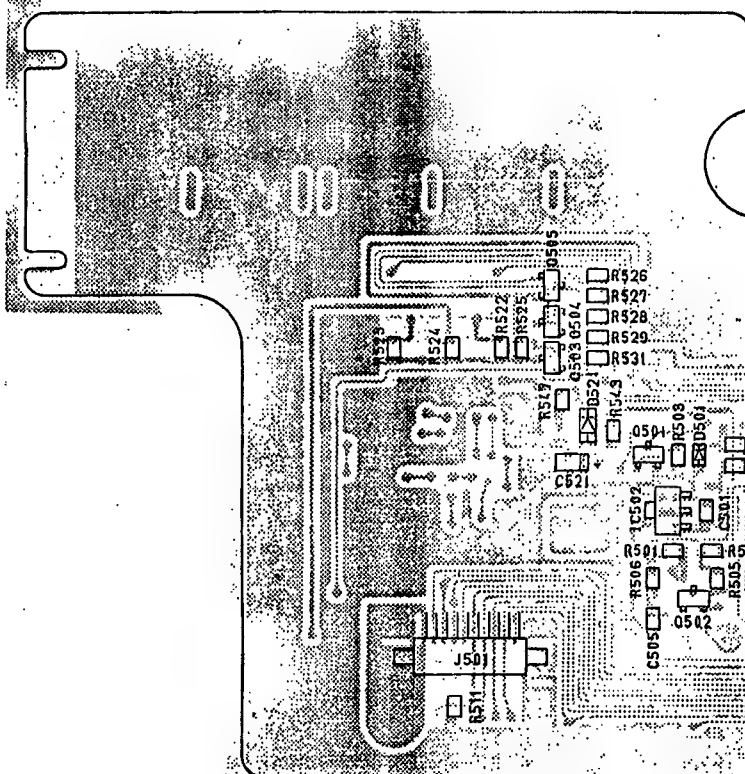
PH145A 2/4

B001 PH145A (BOTTOM VIEW)

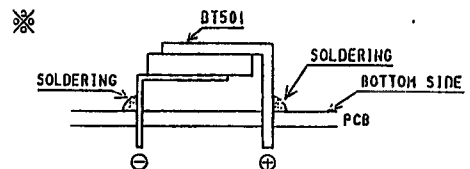
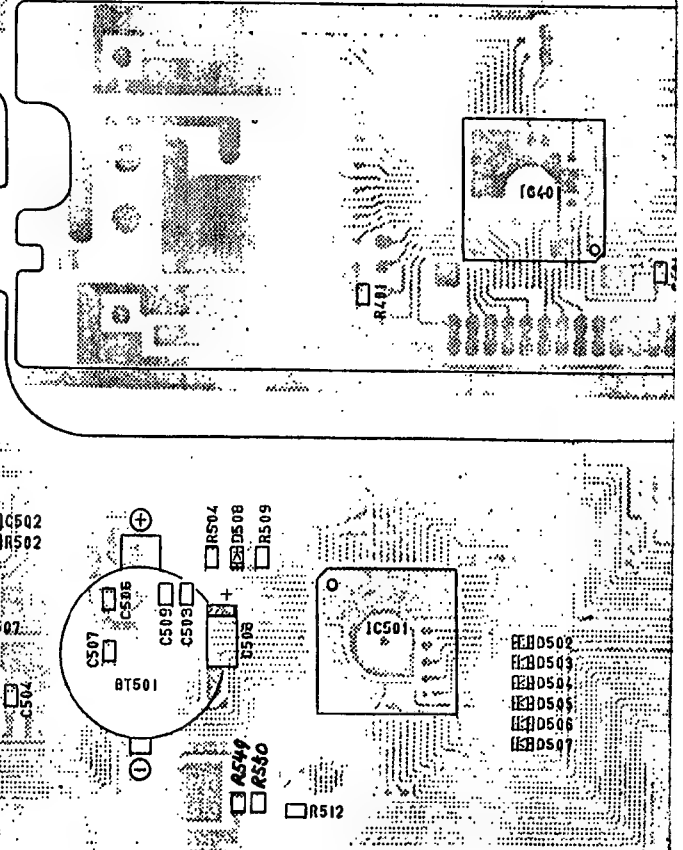


DESIGN	DRAWN
14.7.29	93.01
KUROKI	EVEI
CHECK BY	APPRO
29.10.29	2.29
PH145A	2.4
REV.	NO.

D501 PH-146AA 1/2 (BOTTOM VIEW)



B40T PH-146AA 2/2 (BOTTOM VIEW)



PH146AA 2/2

IC401	HD61602RH
J401	JK430 15P
R401	350K
R402	27K
R403	47K
R404	47K
R405	47K
R406	100K

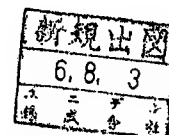
C401	0.047/F
C402	7V430A C-228
C403	0.1/F
C404	0.1/F
C405	0.1/F

PH146AA 1/2

IC501	UC-1514A
IC502	RH5VA43CA
Q501	25C2712-Y
Q502	DTC114EK
Q503	DTA114YK
Q504	UN212X
Q505	UN212X
BT501	BT-6007

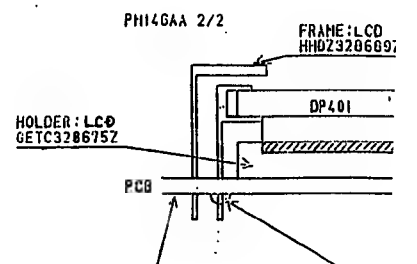
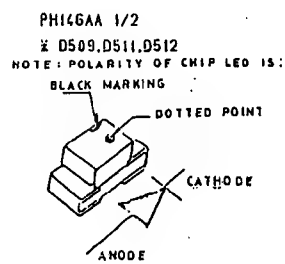
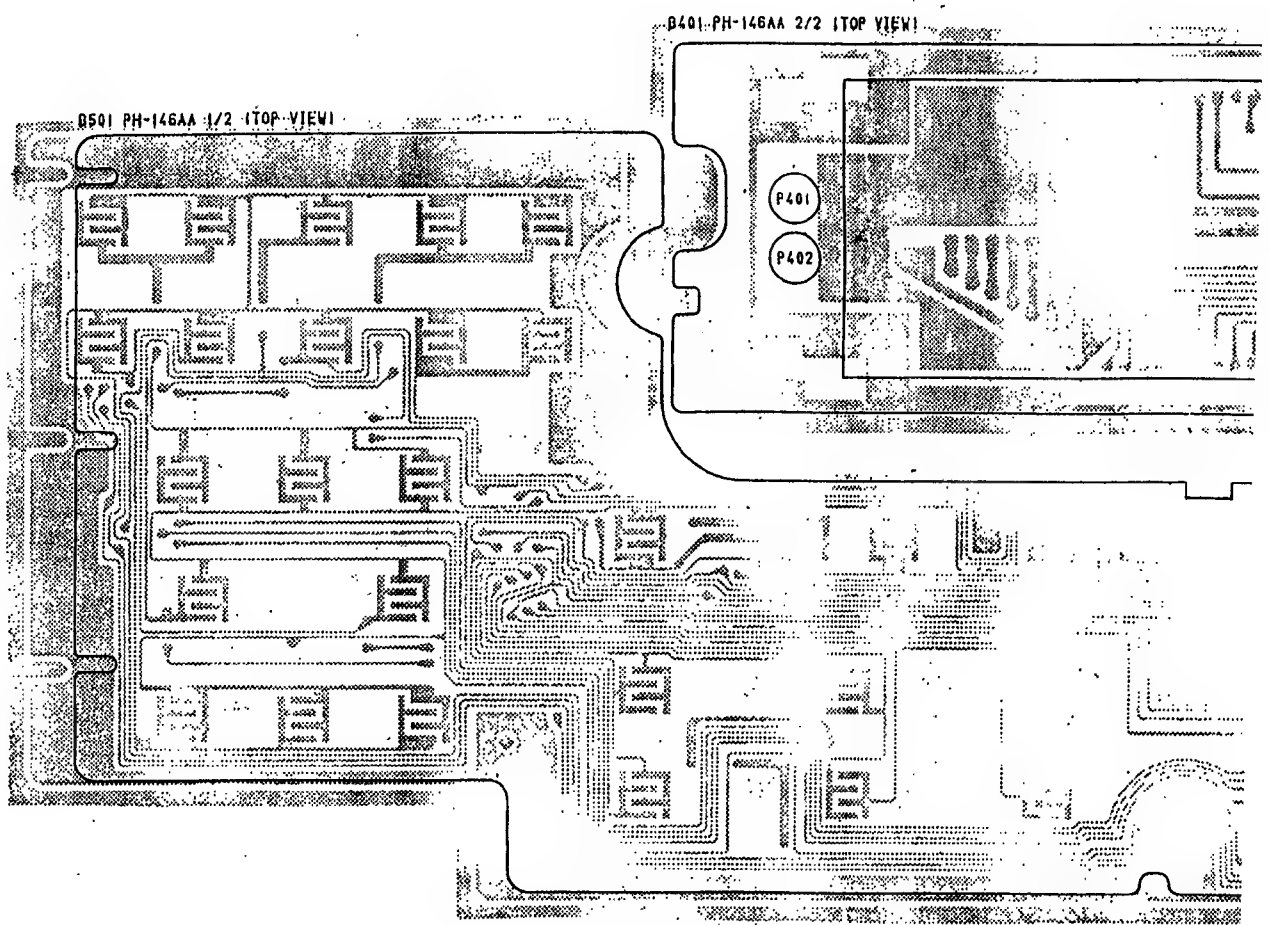
J501	JK712 10P
J502	JK712 10P
J503	JK712 10P
J504	JK712 15P
C501	0.001/B
C502	0.015/B
C503	0.001/B
C504	0.01/B
C505	0.01/B
C506	33P/CG
C507	33P/CG
C508	7V330C C-228
C509	0.047/F

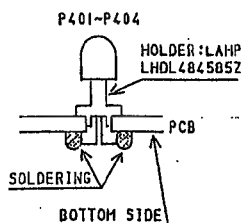
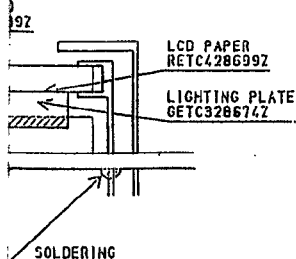
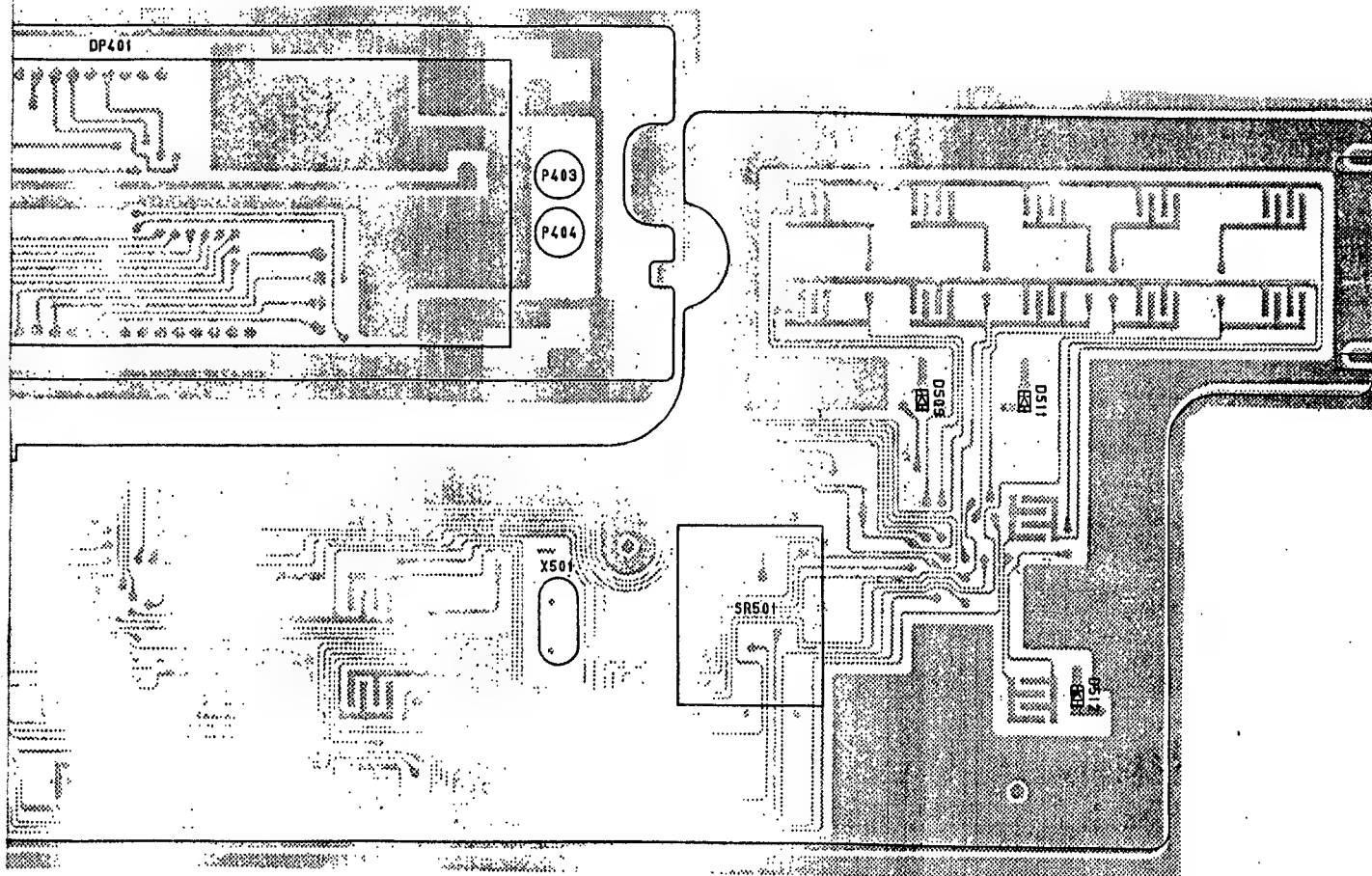
C511	0.01
C512	0.01
C521	7V4
R501	100
R502	1M
R503	1M
R504	47K
R505	100
R506	22K
R507	100
R509	10K
R511	100



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3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED.
(P=MICRO-MICRO FARAD)

DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
94-729	93.03.04	UB228D	COM215
KYOKI	LORNA	TITLE LCD AND CONTROL PCB PARTS ASS'Y BOTTOM VIEW	
CHECK BY	APPROV BY		
29/9/94	2.19.94	DRAWING NO.	
TREDA	K. J. J.	E22-11047	
REV. 1		UNIDEN PHILS. INC.	



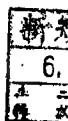


PHI46AA 2/2

DP401	DL066
P401	PZ036
P402	PZ036
P403	PZ036
P404	PZ036

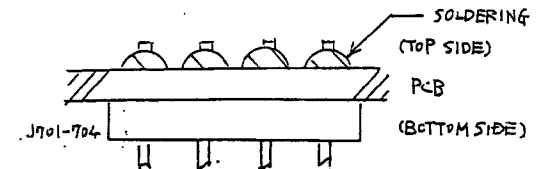
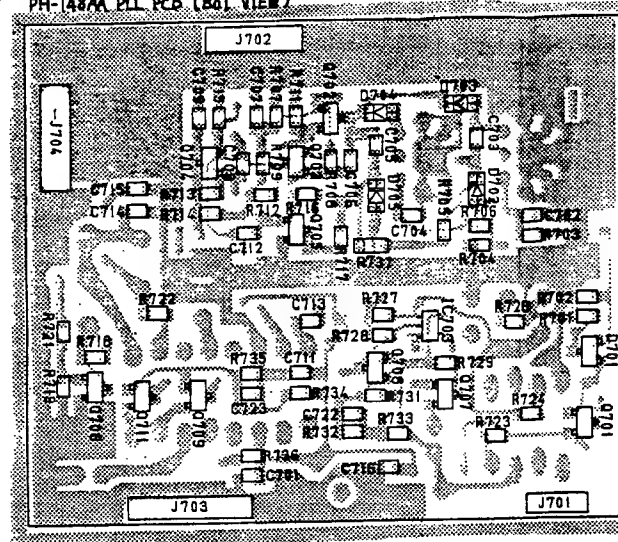
PHI46AA 1/2

SR501	SR419
X501	QX512 8MHz
D509	CL170SR
D511	CL170YG
D512	CL170YG



DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
94.2.29	93.03.04	UB-228B	COM215
CHKD BY	LORNA	TITLE LCD AND CONTROL PCB	
CHECK BY	APPRO. BY	PARTS ASSY TOP VIEW	
22.2.98	2.2.98	DRAWING NO. E22-11046	
REV. NO.		UNIDEN PHILS. INC	

B701 PH-1484A PLL PCB (BOT VIEW)



C701	0.001/B
C702	0.022/B
C703	100P/CG
C704	0.001/B
C705	220P/CG
C706	15P/UJ
C707	0.001/B
C708	0.001/Y
C709	0.033/B
C711	0.0033/B
C712	47P/SL
C713	0.001/B
C714	39P/CG
C715	18P/CG
C716	0.001/B
C722	10P/SL
C723	10P/SL
D701	15S184
D702	15V201-4
D703	RLS135
D704	RLS135
D705	15V201-4

J701	JK-472 3P
J702	JK-472 4P
J703	JK-472 5P
J704	JK-472 4P
Q701	25A1162Y
Q702	25C3124
Q703	25C3124
Q704	25C3124
Q705	25C3124
Q706	25C2814-FS
Q707	DTCL14EX
Q708	25A1162Y
Q709	25C3121-T5L
Q711	25C3121-T5L
R701	100K
R702	10K
R703	100

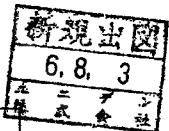
R704	10K
R705	1.8K
R706	100
R707	4.7K
R708	4.7K
R709	10K
R711	560
R712	330
R713	33K
R714	100
R715	470
R716	100K
R717	100
R718	10K
R719	10K
R721	10K
R722	330
R723	100
R724	2.2M
R726	18K
R727	18K
R728	15K
R729	100K

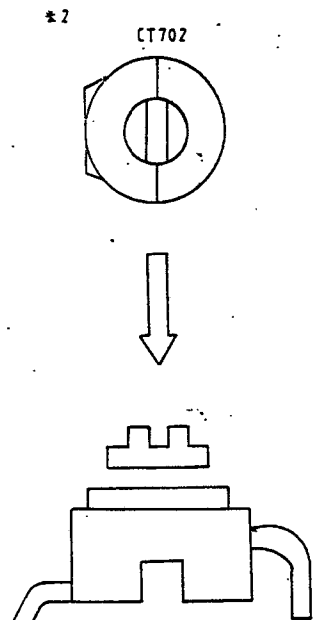
R731	22K
R732	220K
R733	10K
R734	33K
R735	10K
R736	10K
R737	18K 1/8W
IC703	TC4566F

NOTES:

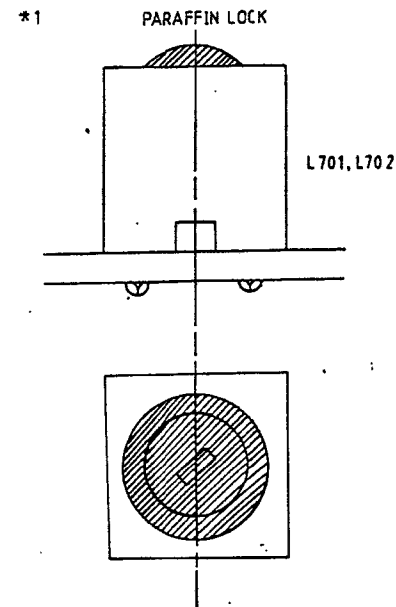
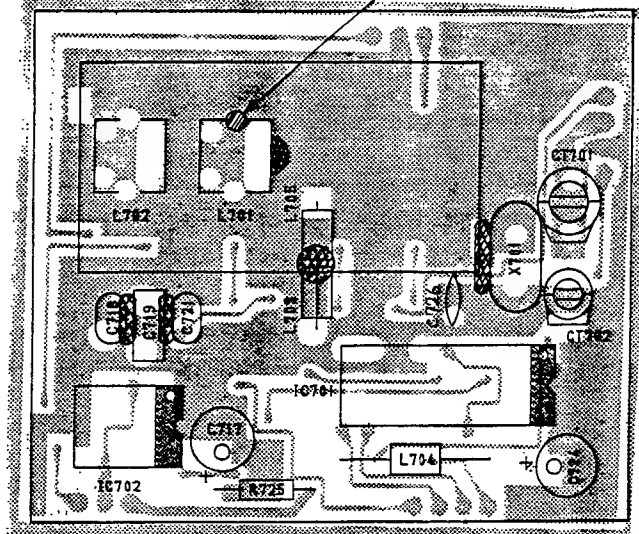
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
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DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
24729	3-16-79	UB-228B	COM215
KUROR	Page 2	TITLE	PLL PCB
CHECK BY	APPRO. BY	PARTS ASS'Y BOT VIEW	
7/29/94	7/29/94	DRAWING NO.	E23-11045
REV. NO.		UNIDEN PHILS. INC.	





9701 PH-148AA PLL PCB (TOP VIEW)



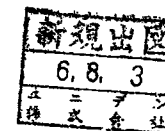
C717	25V100 - C-130
C718	0.0047/PC-114
C719	0.1/PMT C-184
C721	0.0047/PC-114
C724	25V100 C-130
C726	6.001 (SR)
L701	LB-958
L702	LB-657
L703	LZ-041 0.22uH
L704	LZ-041 0.56uH
L705	LD-087
CT701	CT-082 50P
CT702	CT-064 20P
IC701	PLL2002A1
IC702	TLC271CP
R725	10

X701	QX-486
	10.35MHz

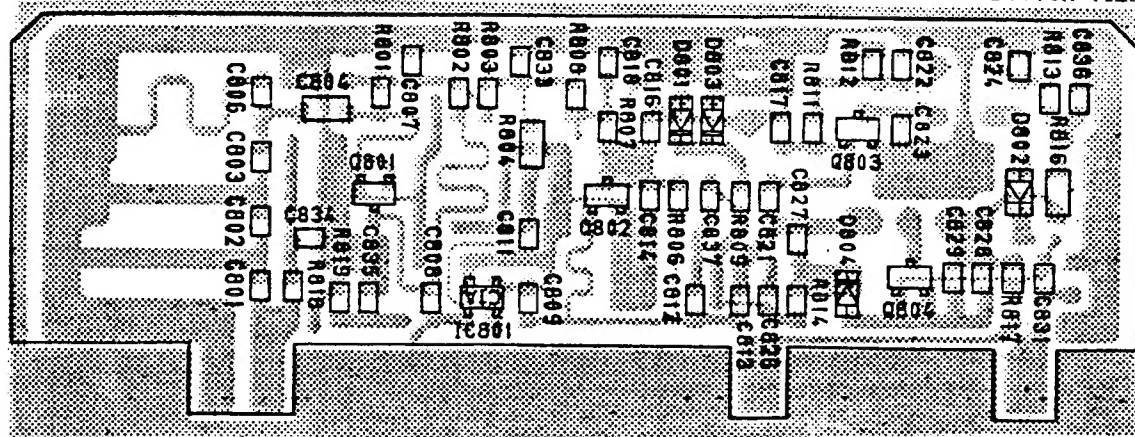
NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
2. RESISTOR WATTAGE ARE 1/6W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED.
(P=MICRO-MICRO FARAD)

DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
94.7.29	5-16-95	UB-228B	COM215
KUROKI	7.27.96	TITLE PLL PCB	
CHECK BY	APPRO BY	PARTS ASS'Y TOP VIEW	
7.29.96	7.27.96	DRAWING NO. E23-11044	
REV. NO.		UNIDEN PHILS. INC.	



B801 PH-144AA 800MHZ PCB BOTTOM VIEW



NOTES:

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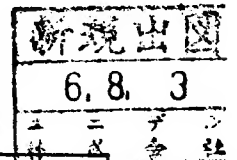
C801	3P/CJ
C802	3P/CJ
C803	3P/CJ
C804	4P/CG(3216)
C805	10P/CG
C807	33P/CG
C808	4P/CG
C809	4P/CG
C811	0.001/B
C812	10P/CG
C813	2P/CK
C814	2P/CK
C816	33P/CG
C817	18P/CG
C818	0.001/B

C821	0.5P/CK
C822	0.001/B
C823	27P/CG
C824	0.001/B
C825	100P/CG
C827	6P/CG
C828	0.001/B
C829	33P/CG
C831	15P/CG
C833	0.001/B
C834	0.001/B
C835	0.001/B
C836	0.01/B
C837	100P/CG

D801	15V201-4
D802	RLS135
D803	15V201-4
D804	15V183-9
Q801	25C3356-R24
Q802	25C3704
Q803	25C3704
Q804	25C3704
R801	82K
R802	5.6
R803	150

R804	33	1/8W
R806	220K	
R807	4.7K	
R808	100	
R809	22K	
R811	330K	
R812	220	
R813	1K	
R814	22K	
R816	220	1/8W
R817	100K	
R818	560	
R819	10K	
IC801	UPC1675G	

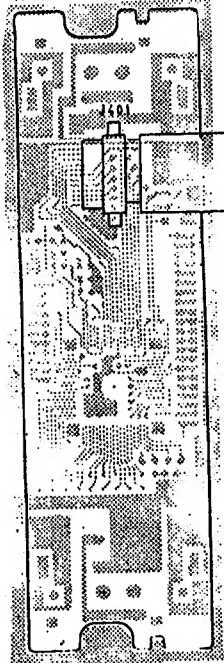
DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
94.7.29	3-16-93	UB-22&B	COM215
CHECK BY	APPRO. BY	TITLE 800 MHZ PCB PARTS ASS'Y BOTTOM VIEW	
7/29/94	7.29.94	DRAWING NO. E24-11041	
REV. NO.	UNIDEN PHILS. INC.		



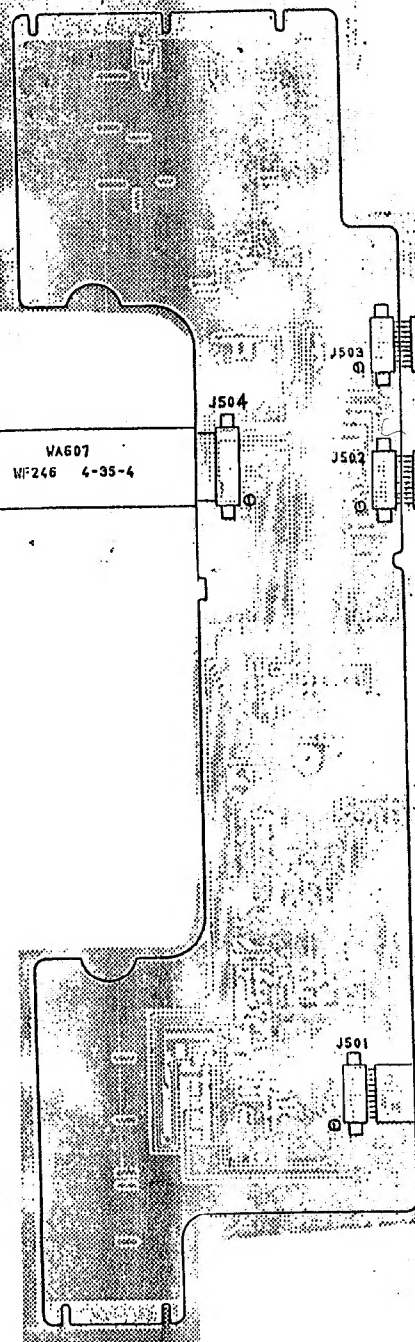
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DESIGN	DRWN. BY	UNIDEN NO.	MODEL NO.
99-7-29	3-16-93	UB-228 B.	COM 215
KUROKI	Fujinaga	TITLE - 800 MHZ PCB	
CHECK. BY	APPRO. BY	PARTS ASS'Y TOP VIEW	
7/29/94	7.29.94	DRAWING NO.	
OKA	K. Yone	E23 - 11040	
REV.	NO.	UNIDEN PHILS. INC.	

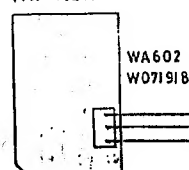
D401 PH146 2/2
(BOTTOM VIEW)



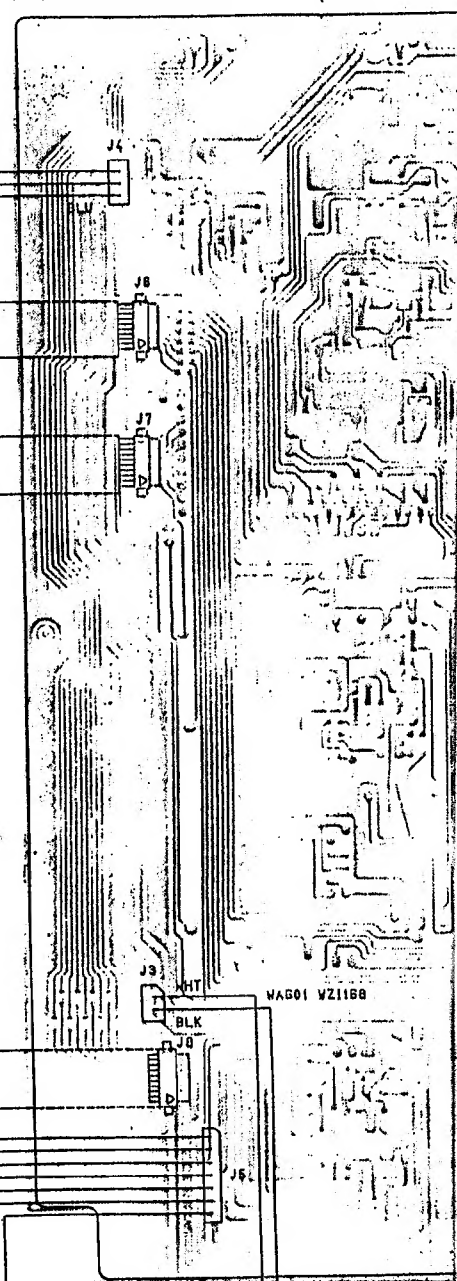
D501 PH146 1/2 (BOTTOM VIEW)



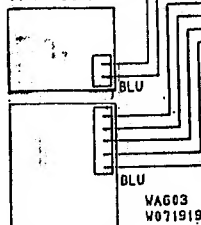
D001 PH145 2/4
(TOP VIEW)



D001 PH145 1/4 (TOP VIEW)



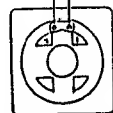
D001 PH145 4/4
(TOP VIEW)

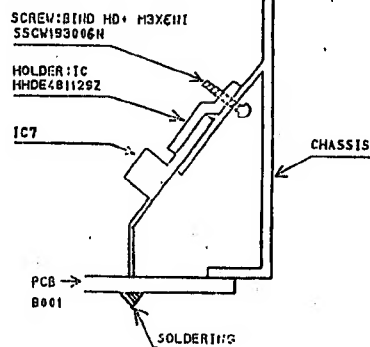
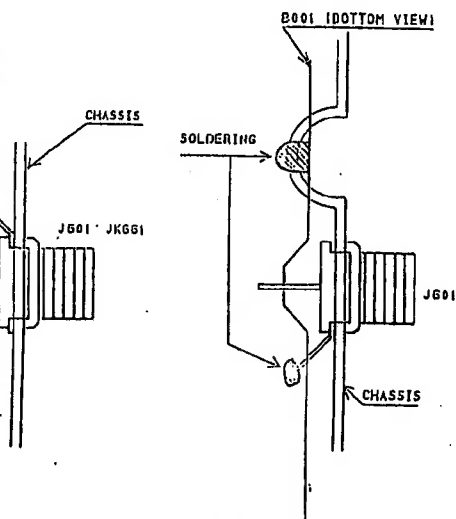
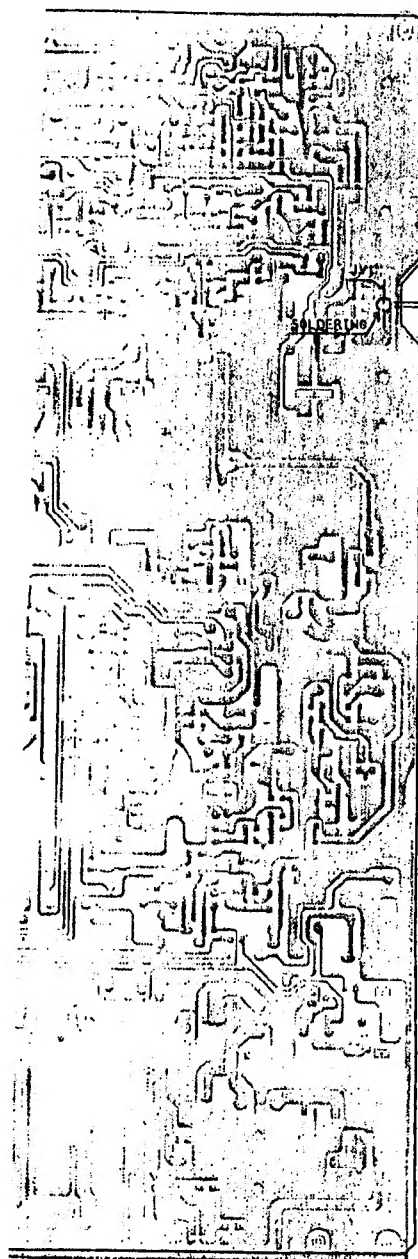


D001 PH145 3/4
(TOP VIEW)



SPG01 SP336





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DESIGN	DRAWN BY	UNIDEN NO.	MODEL NO.
94.7.29	93.03.04	UB-228D	COM215
KUROKI	LORNA	TITLE WIRING DIAGRAM	
CHECK BY	APPRO. BY	DRAWING NO. E32-3541	
REV. NO.		UNIDEN PHILS. INC.	